HiDi DNA polymerases - Application note (#9001, #9201)

A

SNP (sr72921001)

Assembly	SNP to Chr	Chr	Chr position	WT	SNP
GRCh38.p2	Fwd	11	6868417	C	C =>A

rs72921001
A/C

5' - CTAGTCTTCTTGATCCGAGGCCTACAGCTTTTGATCCCTTCTCTATCCCATTCTATCAACA -3'
3' - GATCAGAAGAACTAGGCTCCGGATGTCGAAAACTAGGGAAGAGATAGGGTAAGATAGTTGT -5'

6,868,390 6,868,400 6,868,410 6,868,420 6,868,430 6,868,440 6,868,450
Homo Sapience Chromosome 11, GRCh38.2

B

Primer design

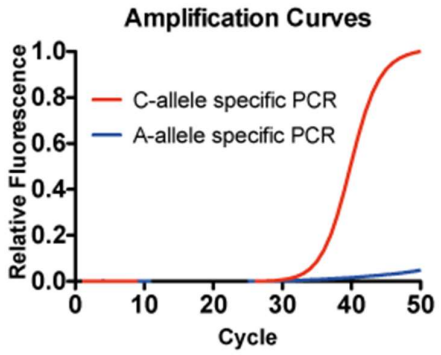
rs72921001

3' -ACAACTATCTTACCCTATCTCTTCCCTAGTTTTCGACATCC -5'
A

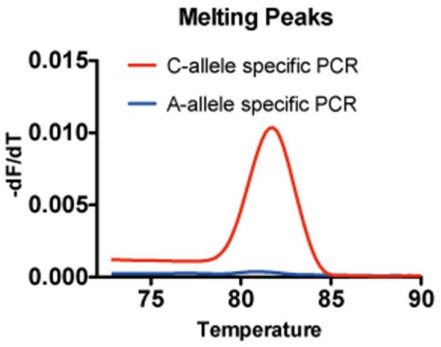
C-allele primer: 5' -GAATGGGATAGAGAAGGGATCAAAAG-3'
A-allele primer: 5' -GAATGGGATAGAGAAGGGATCAAAAT-3'

Reverse primer: 5' -CTGCTGCTTGAAAATGGATTGTG-3'

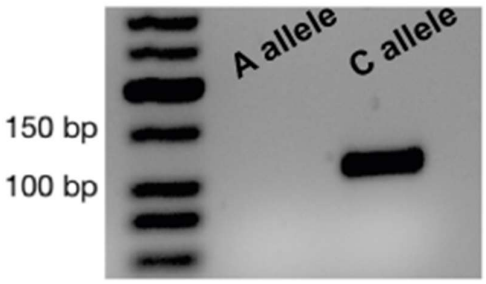
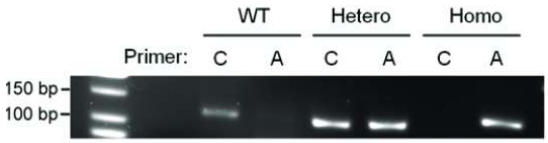
C



D



E



F